

# INTERNATIONAL SEARCH REPORT

Inte      nal Application No  
PCT/NL2004/000919

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
IPC 7 B65D75/58 B65B61/18 B29C65/02 B29C65/00		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols)		
IPC 7 B65D B65B B29C B31B A61J		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used)		
EP0-Internal, PAJ		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category <sup>a</sup>	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/031280 A (ITSAC N.V.; LAST, LAURENS) 17 April 2003 (2003-04-17) cited in the application page 10, line 10 – line 21; figures 3c-3e	12, 18, 19
Y	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 09, 30 July 1999 (1999-07-30) –& JP 11 105895 A (KEIHAN CELLOPHANE KK), 20 April 1999 (1999-04-20) abstract; figures 2,3	15-17, 26
X	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 09, 30 July 1999 (1999-07-30) –& JP 11 105895 A (KEIHAN CELLOPHANE KK), 20 April 1999 (1999-04-20) abstract; figures 2,3	25, 27
Y	US 4 732 299 A (HOYT ET AL) 22 March 1988 (1988-03-22) figures 1,2	15-17, 26
X	US 4 732 299 A (HOYT ET AL) 22 March 1988 (1988-03-22) figures 1,2	28, 29
	-/-	
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		<input checked="" type="checkbox"/> Patent family members are listed in annex.
<p>* Special categories of cited documents :</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the International filing date</p> <p>"L" document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the International filing date but later than the priority date claimed</p> <p>"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&amp;" document member of the same patent family</p>		
Date of the actual completion of the international search	Date of mailing of the International search report	
29 April 2005	11/05/2005	
Name and mailing address of the ISA	Authorized officer	
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016	Bridault, A	

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nal Application No  
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 273 307 B1 (GROSS RICHARD A ET AL) 14 August 2001 (2001-08-14)  column 4, line 1 – column 7, line 5; figures	1,5-7,9, 11, 20-22,28
A	EP 0 493 723 A (SAFTA SPA) 8 July 1992 (1992-07-08) column 3, line 50 – column 4, line 33; figures	1,9,11, 20
A	WO 96/21599 A (JEBCO PACKAGING SYST INC ; BUCHANAN JERRY E (US)) 18 July 1996 (1996-07-18) page 4, line 26 – page 6, line 11; figures	1,9,11, 19
A	US 4 329 134 A (ARNASON SIGURDUR I ET AL) 11 May 1982 (1982-05-11) column 3, line 64 – column 5, line 26; figures	10
A	EP 0 751 081 A (KABUSHIKI KAISHA HOSOKAWA YOKO) 2 January 1997 (1997-01-02) figure 2	25-27
A	EP 1 182 144 A (ILLINOIS TOOL WORKS) 27 February 2002 (2002-02-27) cited in the application	
A	US 5 823 383 A (J. HINS) 20 October 1998 (1998-10-20)	

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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-11, 20

Plastic spout with rough sealing surfaces, mould and method

2. claims: 12-19

Plastic spout with an anti-nesting projection

3. claim: 21

Method of sealing a spout with sealing elements having an overhanging rib

4. claims: 22-24

Method of sealing a spout with sealing elements, the faces of which have recesses

5. claims: 25-27

Plastic spout for a bag, with means for maintaining the bag open

6. claims: 28, 29

Plastic spout with a transverse wall, the ends of which slope downwardly

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 03031280	A	17-04-2003	NL 1019161 C2 BR 0213198 A CA 2462894 A1 EP 1434721 A1 HR 20040397 A2 JP 2005504688 T WO 03031280 A1 US 2004256410 A1		14-04-2003 31-08-2004 17-04-2003 07-07-2004 31-08-2004 17-02-2005 17-04-2003 23-12-2004
JP 11105895	A	20-04-1999	NONE		
US 4732299	A	22-03-1988	NONE		
US 6273307	B1	14-08-2001	AU 7727401 A BR 0113220 A CA 2416838 A1 CN 1447766 A CZ 20030435 A3 EP 1363837 A1 JP 2004505863 T MX PA03000839 A PL 365571 A1 WO 0214169 A1		25-02-2002 24-06-2003 21-02-2002 08-10-2003 12-05-2004 26-11-2003 26-02-2004 06-06-2003 10-01-2005 21-02-2002
EP 0493723	A	08-07-1992	IT 1246751 B DE 69112595 D1 DE 69112595 T2 EP 0493723 A1 ES 2079023 T3 JP 5162756 A US 5290105 A		26-11-1994 05-10-1995 02-05-1996 08-07-1992 01-01-1996 29-06-1993 01-03-1994
WO 9621599	A	18-07-1996	AU 4151196 A WO 9621599 A1		31-07-1996 18-07-1996
US 4329134	A	11-05-1982	US 4245976 A US 4235833 A CA 1114576 A1 DE 2830433 A1 ES 471475 A1 FR 2405968 A1 GB 1590255 A IT 1095285 B JP 1201985 C JP 54036369 A JP 58035448 B SE 7807680 A US 4367192 A CA 1127817 A1 DE 2853361 A1 FR 2423507 A2 GB 2019304 A ,B IT 1111007 B JP 1204092 C JP 54139962 A JP 58038090 B SE 7812863 A CA 1120224 A1		20-01-1981 25-11-1980 22-12-1981 18-01-1979 01-02-1979 11-05-1979 28-05-1981 10-08-1985 25-04-1984 17-03-1979 02-08-1983 12-01-1979 04-01-1983 20-07-1982 25-10-1979 16-11-1979 31-10-1979 13-01-1986 25-04-1984 30-10-1979 20-08-1983 21-10-1979 23-03-1982

Form PCT/ISA/210 (patent family annex) (January 2004)

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Inte	Application No
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4329134	A	DE 2928714 A1 FR 2436669 A1 GB 2039246 A ,B IT 1121552 B JP 55042894 A JP 1247152 C JP 55055843 A JP 59023552 B ZA 7903172 A AU 4954979 A CA 1117266 A1 DE 2933244 A1 ES 485217 A1 FR 2445208 A1 IT 1122435 B MX 154089 A	27-03-1980 18-04-1980 06-08-1980 02-04-1986 26-03-1980 16-01-1985 24-04-1980 02-06-1984 27-08-1980 03-07-1980 02-02-1982 10-07-1980 01-10-1980 25-07-1980 23-04-1986 30-04-1987
EP 0751081	A 02-01-1997	JP 3048888 B2 JP 9012042 A AU 693359 B2 AU 5622896 A BR 9602896 A CN 1149027 A ,C DE 69604343 D1 DE 69604343 T2 EP 0751081 A1 ID 21032 A SG 49340 A1 US 5660477 A US 5857951 A ZA 9605436 A	05-06-2000 14-01-1997 25-06-1998 09-01-1997 28-04-1998 07-05-1997 28-10-1999 30-03-2000 02-01-1997 08-04-1999 18-05-1998 26-08-1997 12-01-1999 24-01-1997
EP 1182144	A 27-02-2002	US 6612466 B1 AT 257801 T AU 760629 B2 AU 5423301 A CA 2353511 A1 CN 1339387 A DE 60101766 D1 DE 60101766 T2 EP 1182144 A1 JP 2002096846 A MX PA01008396 A NZ 513596 A	02-09-2003 15-01-2004 22-05-2003 02-05-2002 21-02-2002 13-03-2002 19-02-2004 17-06-2004 27-02-2002 02-04-2002 10-04-2002 29-04-2003
US 5823383	A 20-10-1998	DE 29509118 U1 AU 5894096 A CN 1155869 A ,C DE 59609001 D1 DK 773893 T3 WO 9638349 A1 EP 0773893 A1 ES 2175093 T3 JP 10503981 T	17-08-1995 18-12-1996 30-07-1997 08-05-2002 22-07-2002 05-12-1996 21-05-1997 16-11-2002 14-04-1998